## Leo M. Brausch, P.E. Consulting Environmental Engineer



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July 9, 2009

Mr. James Hahnenberg Remedial Project Manager U.S. Environmental Protection Agency, Region 5 77 West Jackson Boulevard, SR-6J Chicago, IL 60604-3590

Re: Private Well Abandonment, North Bronson Industrial Area Site Operable Unit 1, Bronson, Michigan

Dear Mr. Hahnenberg:

The North Bronson Potentially Responsible Parties Group (the Group) is currently arranging to abandon 11 private residential wells in the City of Bronson. These 11 wells are located within the Restricted and Buffer Zones as designated in the proposed City ordinance, which will prohibit the continued use of such wells. Nine of the residences will need to be connected to city water; the remaining two residences have already been connected.

The proposed method for abandonment is to grout the wells with neat cement through a tremie pipe placed at the bottom of the well, as specified in the Michigan Department of Environmental Quality (MDEQ), Water Bureau, Abandoned Well Plugging Rules Summary, R 325.1664 (b) and (c) (Rule 164 (b) and (c)). The residential wells are located inside the structures (i.e., basement or porch), however, and some of the wellheads may not be accessible. At locations where the wellhead is not accessible, the well will be abandoned by pressure grouting with neat cement.

On behalf of the Group, O'Brien & Gere, Inc. (O'Brien & Gere) has contacted the MDEQ Water Bureau Kalamazoo District Office and the Branch, Hillsdale, St. Joseph Community Health Agency and has received verbal approval from both agencies to abandon the 11 residential wells by the methods described above. O'Brien & Gere plans to subcontract Stearns Drilling Company (Stearns) to conduct the well abandonment. Stearns retains registered water well drillers on staff and will conduct the well abandonment activities in accordance with licensing and documentation requirements of the MDEQ Part 127, Michigan Water Well Construction and Pump Installation Code, 1978 PA 368, as amended (Act 368).

The Group is currently working to complete the needed agreements with the affected residents. If this process can be concluded as planned, the wells will be abandoned in late August or early September 2009, after the making the required connections to City water.

If you have any questions regarding the well abandonment plans or related project matters, or if you want to be contacted immediately prior to the described field work, please do not hesitate to contact me.

Respectfully submitted,

Leo M. Brausch Project Coordinator

LMB:

cc (via email):

D. D. Larsen, MDEQ

C. W. Graff, MDEQ

NBIA Operable Unit 1 PRP Group Legal Committee

NBIA Operable Unit 1 PRP Group Technical Committee

C. S. Yantz, O'Brien & Gere